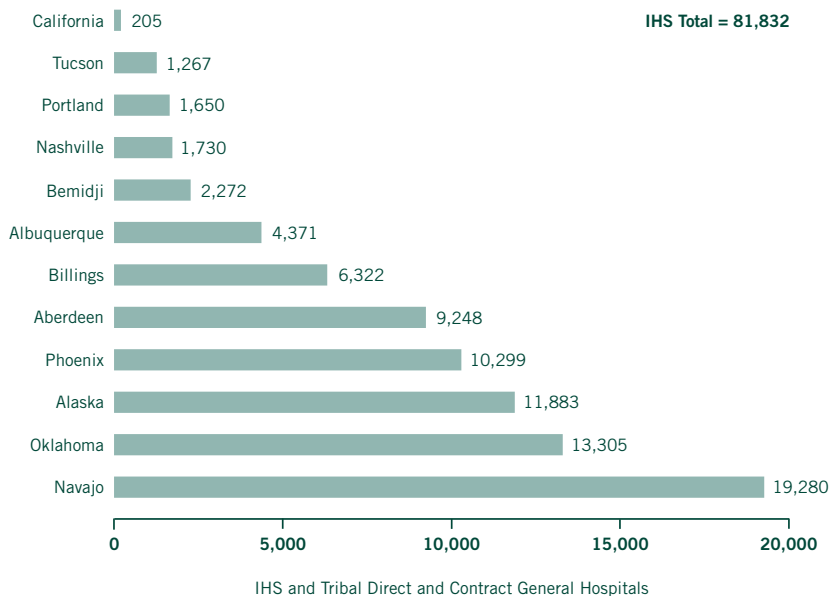


Part 5

Patient Care Statistics

In FY 2001, there were over 81,000 admissions to IHS and Tribal direct and contract general hospitals. Approximately forty percent of these admissions were in two IHS Areas, Navajo (19,280) and Oklahoma (13,305).

Chart 5.1 Number of Admissions, FY 2001



The IHS admission rate of 608.3 admissions per 10,000 user population in FY 2001 was nearly 53 percent lower than the U.S. rate of 1,140.1 in CY 2000. The IHS Area rates ranged from 30.8 in California, where the IHS provides little inpatient care, to 1,001.5 in Alaska.

Chart 5.2 Hospital Admission Rates, FY 2001

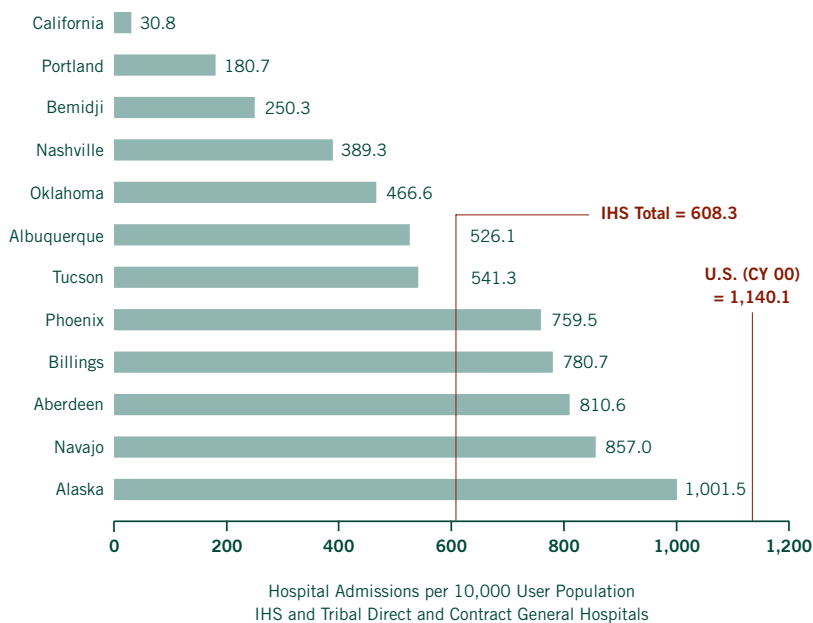


Table 5.1

Number and Rate of Admissions

Indian Health Service and Tribal Direct and Contract General Hospitals, FY 2001
and U.S. Short-Stay Community Hospitals, CY 2001

	Total Admission Rate ¹	Total Admissions	IHS Admissions		Tribal Admissions	
			Direct	Contract	Direct	Contract
<i>U.S. All Races (2000)</i>	<i>1,140.1</i>	<i>31,706²</i>				
<i>All IHS Areas</i>	<i>608.3</i>	<i>81,832</i>	<i>45,959</i>	<i>14,077</i>	<i>17,782</i>	<i>4,014</i>
Aberdeen	810.6	9,248	5,906	3,342	0	0
Alaska	1,001.5	11,883	0	0	11,678	205
Albuquerque	526.1	4,371	2,972	1,399	0	0
Bemidji	250.3	2,272	857	440	0	975
Billings	780.7	6,322	2,720	2,397	0	1,205
California	30.8	205	0	0	0	205
Nashville	389.3	1,730	902	213	486	129
Navajo	857.0	19,280	17,392	1,888	0	0
Oklahoma	466.6	13,305	6,534	1,697	5,010	64
Phoenix	759.5	10,299	7,817	1,849	608	25
Portland	180.7	1,650	0	444	0	1,206
Tucson	541.3	1,267	859	408	0	0

¹ Number of admissions per 10,000 population.

² Number of admissions in thousands.

Sources: IHS and Tribal Direct: Monthly Report of Inpatient Services

IHS Contract: Contract Statistical System (Report 3I)

Tribal Contract: IHS Area submissions

U.S.: Unpublished Data, NCHS Hospital Discharge Survey Branch

The number of inpatient days in IHS and Tribal direct and contract general hospitals was over 317,000 in FY 2001. The number varied considerably among the IHS Areas, ranging from 355 in California to 68,047 in Navajo.

Chart 5.3 Number of Hospital Days, FY 2001

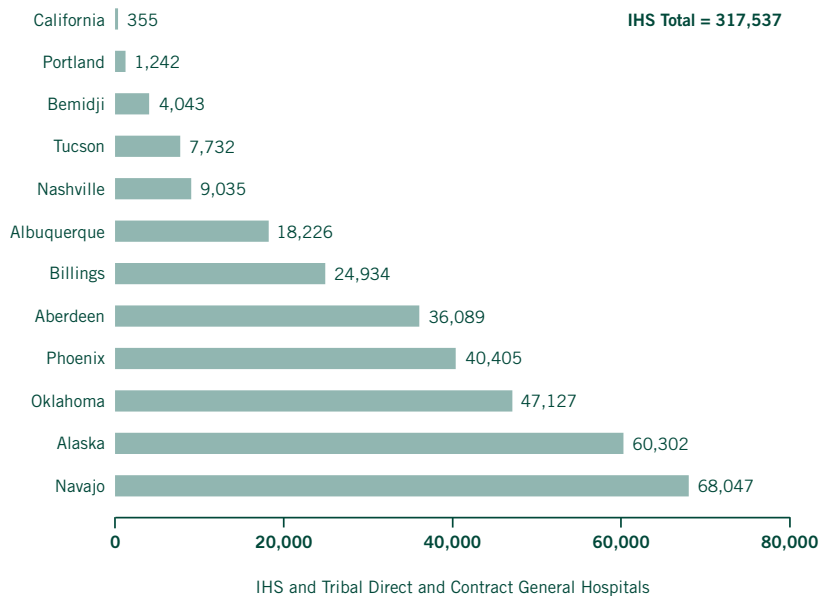


Table 5.3 Number of Hospital Days

Indian Health Service and Tribal Direct and Contract General Hospitals, FY 2001

	Total Days	IHS Days		Tribal Days	
		Direct	Contract	Direct	Contract
<i>All IHS Areas</i>	317,537	169,726	58,424	82,063	7,324
Aberdeen	36,089	21,691	14,398	0	0
Alaska	60,302	0	1,070	59,232	0
Albuquerque	18,226	12,810	5,416	0	0
Bemidji	4,043	2,602	1,441	0	0
Billings	24,934	9,099	9,863	0	5,972
California	355	0	0	0	355
Nashville	9,035	4,057	1,034	2,947	997
Navajo	68,047	59,781	8,266	0	0
Oklahoma	47,127	22,036	7,523	17,568	0
Phoenix	40,405	31,669	6,420	2,316	0
Portland	1,242	0	1,242	0	0
Tucson	7,732	5,981	1,751	0	0

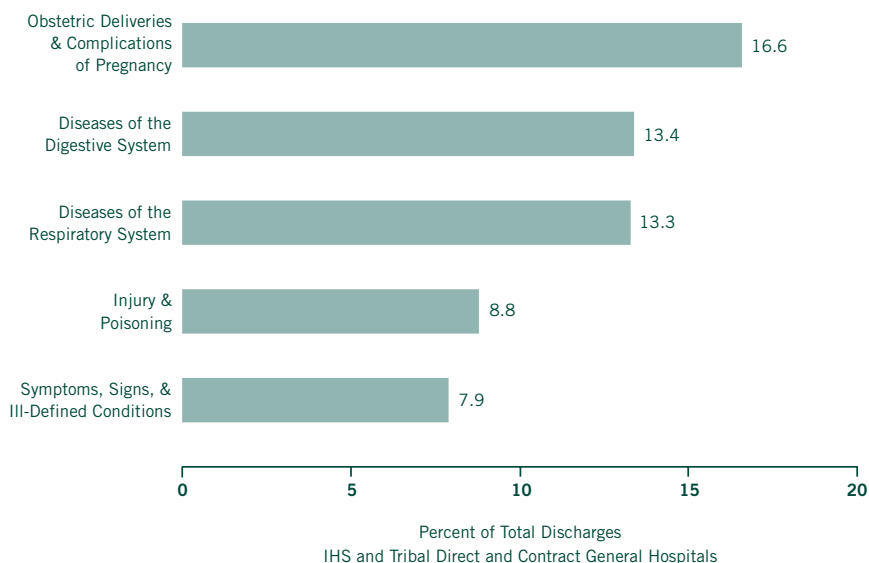
Sources: IHS and Tribal Direct: Monthly Report of Inpatient Services
 IHS Contract: Contract Statistical System (Report 31)
 Tribal Contract: IHS Area submissions

In FY 2001, 16.6 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to obstetric deliveries and complications of pregnancy, followed by diseases of the digestive system at 13.4 percent.

Chart 5.4

Leading Causes of Hospitalization

All IHS Areas, FY 2001

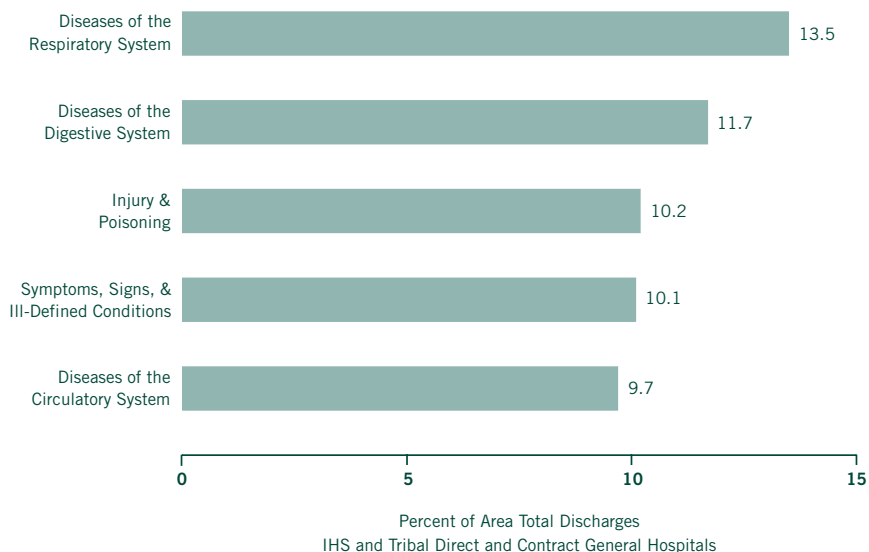


For the Aberdeen Area in FY 2001, 13.5 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to respiratory system diseases, followed by diseases of the digestive system at 11.7 percent.

Chart 5.5

Leading Causes of Hospitalization

Aberdeen Area, FY 2001

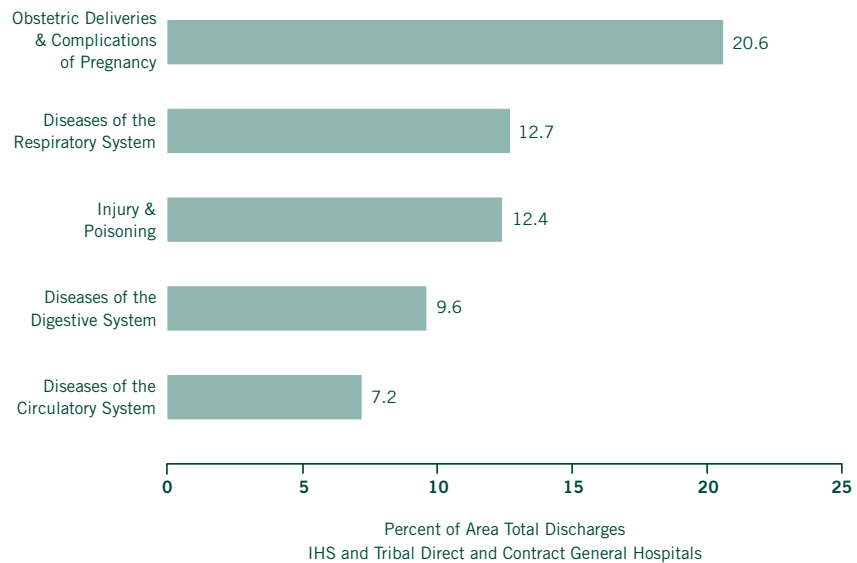


For the Alaska Area in FY 2001, 20.6 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to obstetric deliveries and complications of pregnancy, followed by diseases of the respiratory system at 12.7 percent.

Chart 5.6

Leading Causes of Hospitalization

Alaska Area, FY 2001

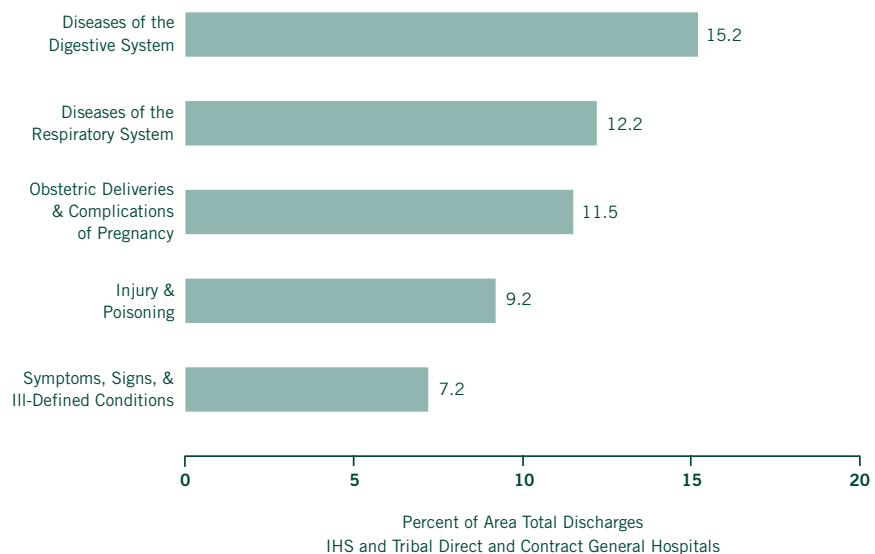


For the Albuquerque Area in FY 2001, 15.2 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to diseases of the digestive system, closely followed by diseases of the respiratory system at 12.2 percent.

Chart 5.7

Leading Causes of Hospitalization

Albuquerque Area, FY 2001

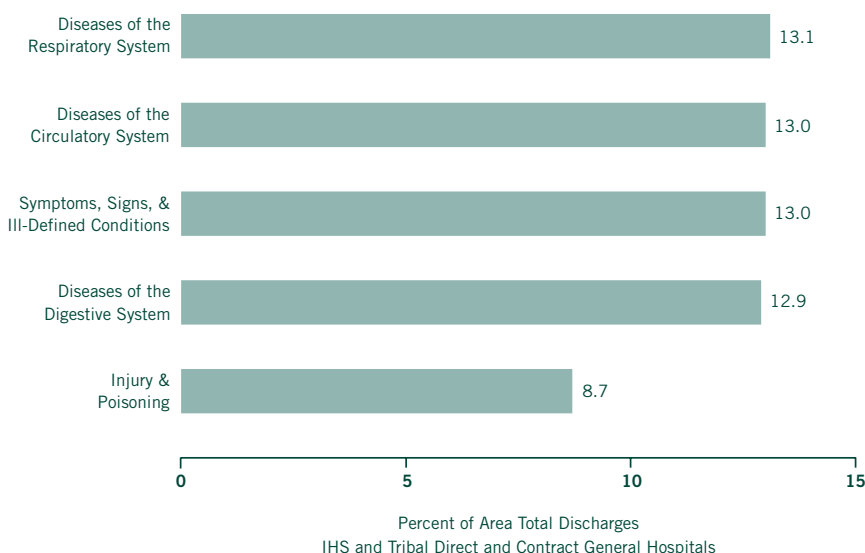


For the Bemidji Area in FY 2001, 13.1 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to diseases of the respiratory system, followed by diseases of the circulatory system and symptoms, signs, and ill-defined conditions, both at 13.0 percent, diseases of the digestive system at 12.9 percent, and injury and poisoning at 8.7 percent.

Chart 5.8

Leading Causes of Hospitalization

Bemidji Area, FY 2001

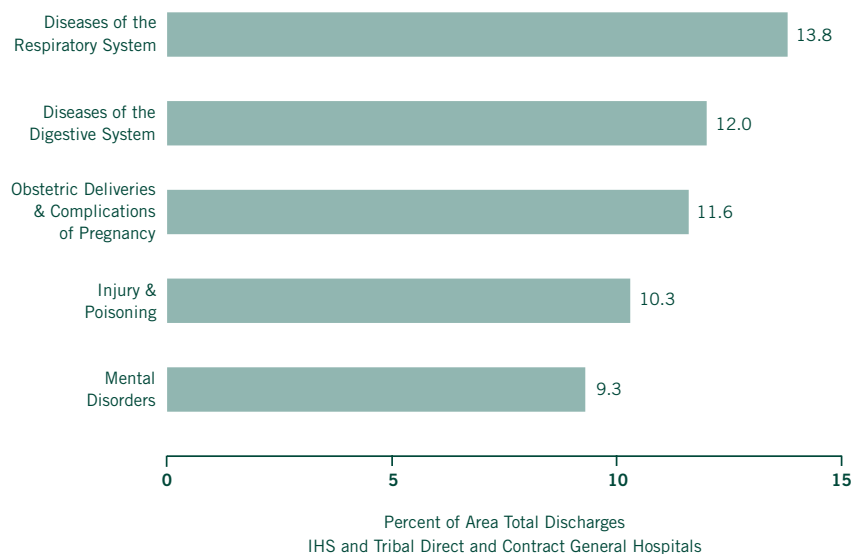


For the Billings Area in FY 2001, 13.8 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to diseases of the respiratory system, followed by diseases of the digestive system at 12.0 percent, obstetric deliveries and complications of pregnancy at 11.6 percent, injury and poisoning at 10.3 percent, and mental disorders at 9.3 percent.

Chart 5.9

Leading Causes of Hospitalization

Billings Area, FY 2001

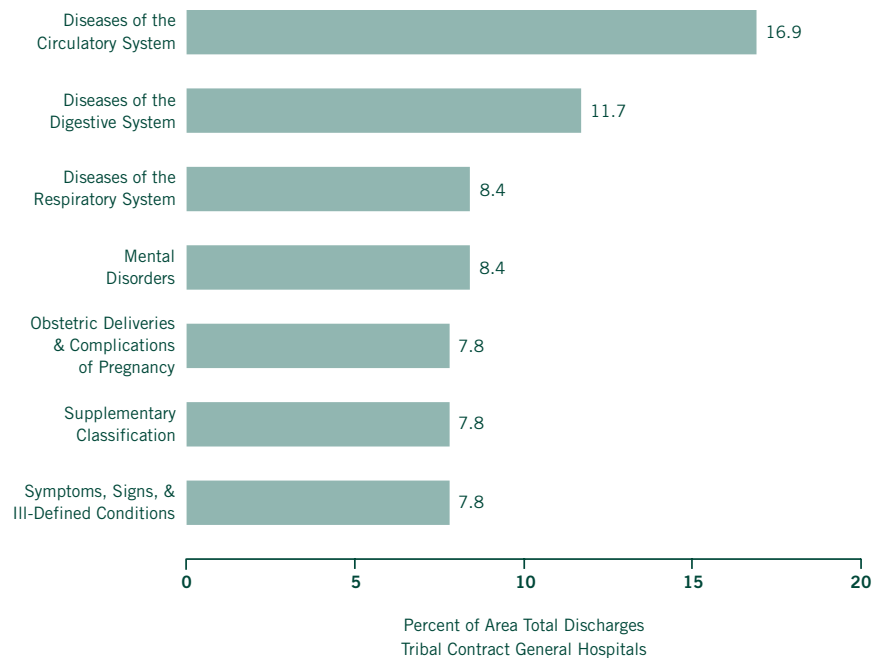


For the California Area in FY 2001, 16.9 percent of all discharges from Tribal contract health service hospitals pertained to diseases of the circulatory system, followed by diseases of the digestive system at 11.7 percent.

Chart 5.10

Leading Causes of Hospitalization

California Area, FY 2001

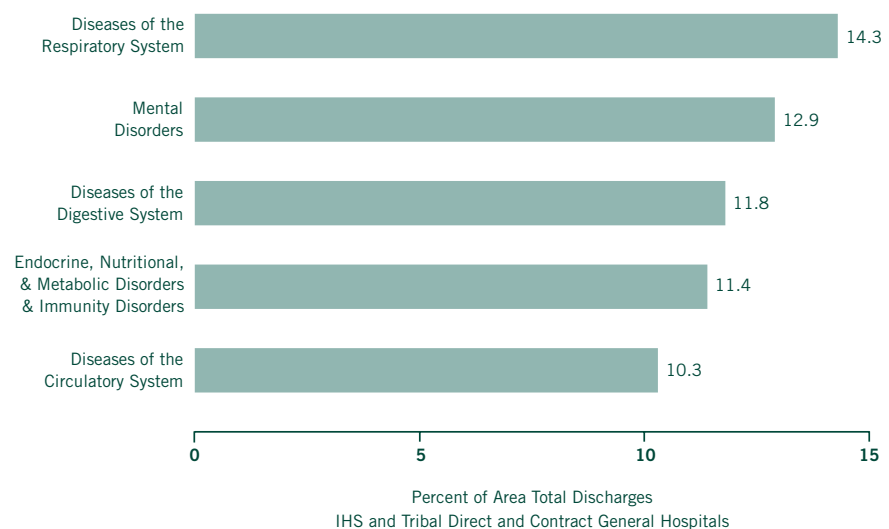


For the Nashville Area in FY 2001, 14.3 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to diseases of the respiratory system, followed by mental disorders at 12.9 percent.

Chart 5.11

Leading Causes of Hospitalization

Nashville Area, FY 2001

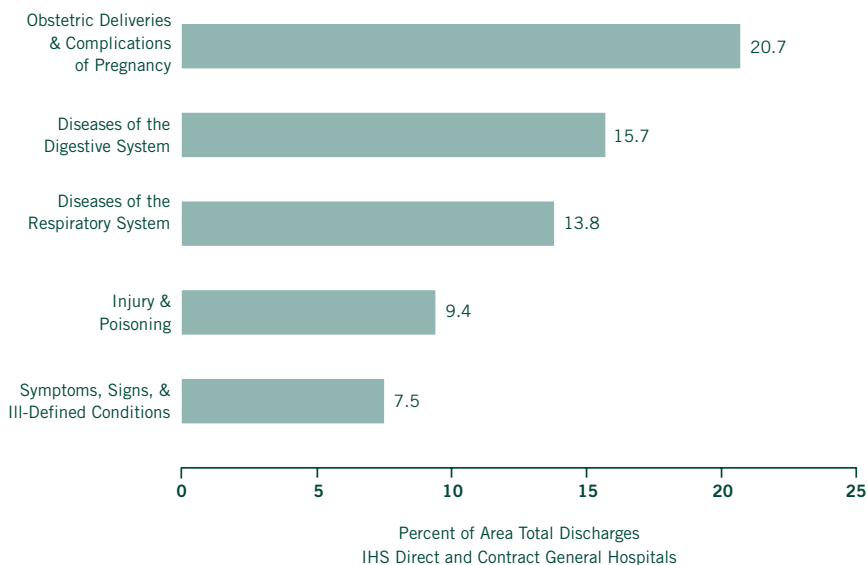


For the Navajo Area in FY 2001, 20.7 percent of all discharges from IHS direct and contract general hospitals pertained to obstetric deliveries and complications of pregnancy, followed by diseases of the digestive system at 15.7 percent.

Chart 5.12

Leading Causes of Hospitalization

Navajo Area, FY 2001

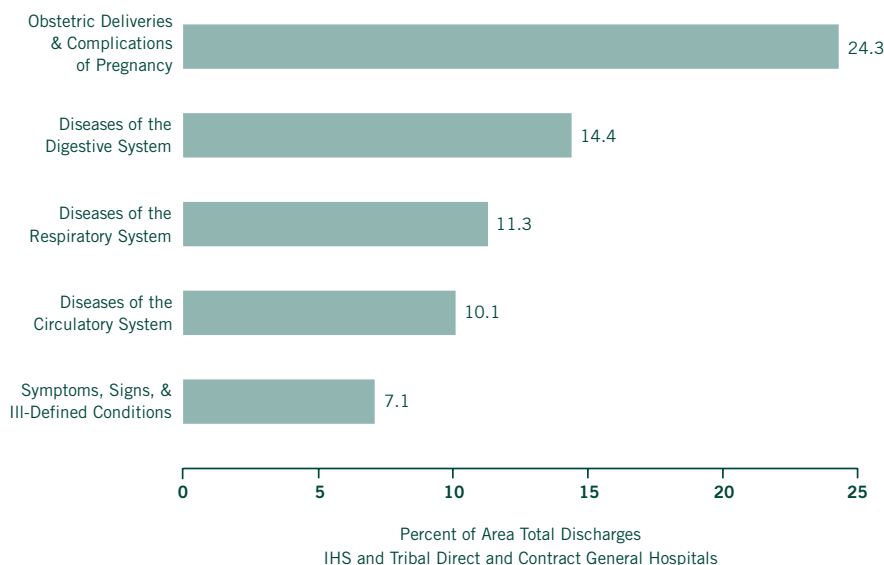


For the Oklahoma Area in FY 2001, 24.3 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to obstetric deliveries and complications of pregnancy, followed by diseases of the digestive system at 14.4 percent.

Chart 5.13

Leading Causes of Hospitalization

Oklahoma Area, FY 2001

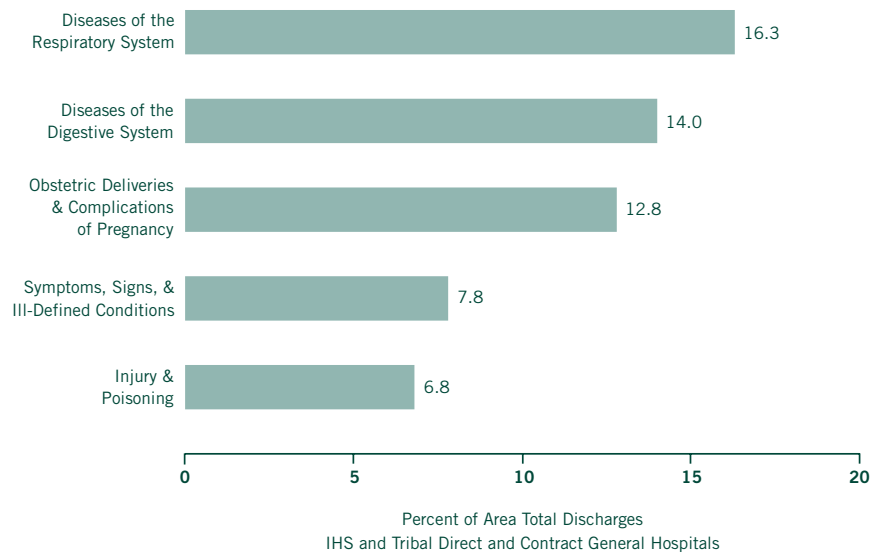


For the Phoenix Area in FY 2001, 16.3 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to diseases of the respiratory system, followed by diseases of the digestive system at 14.0 percent.

Chart 5.14

Leading Causes of Hospitalization

Phoenix Area, FY 2001

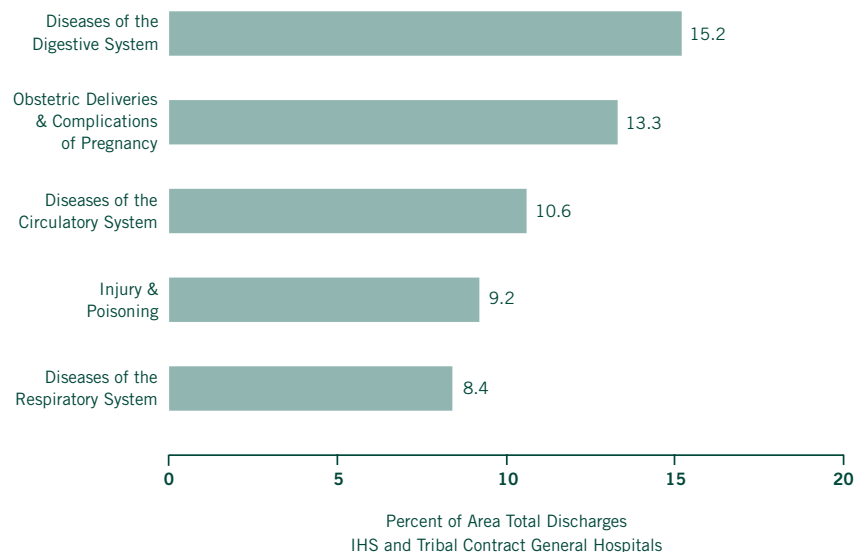


For the Portland Area in FY 2001, 15.2 percent of all discharges from IHS and Tribal contract general hospitals pertained to diseases of the digestive system, followed by obstetric deliveries and complications of pregnancy at 13.3 percent.

Chart 5.15

Leading Causes of Hospitalization

Portland Area, FY 2001

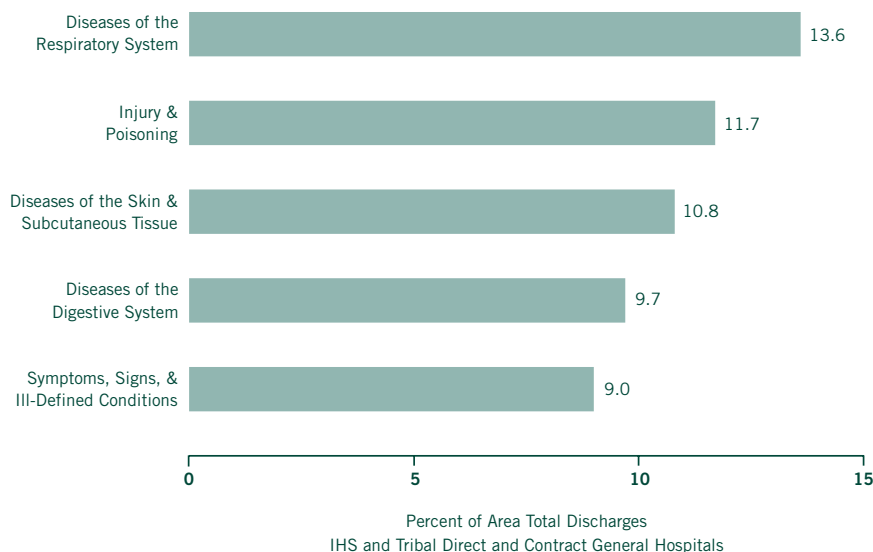


For the Tucson Area in FY 2001, 13.6 percent of all discharges from IHS and Tribal direct and contract general hospitals pertained to diseases of the respiratory system, followed by injury and poisoning at 11.7 percent.

Chart 5.16

Leading Causes of Hospitalization

Tucson Area, FY 2001



In FY 2001, there were over eight million ambulatory medical visits to IHS and Tribal direct and contract facilities. Two IHS Areas—Oklahoma (1,460,570) and Navajo (1,062,413)—had 31.2 percent of the visits.

Chart 5.17

Number of Ambulatory Medical Visits, FY 2001

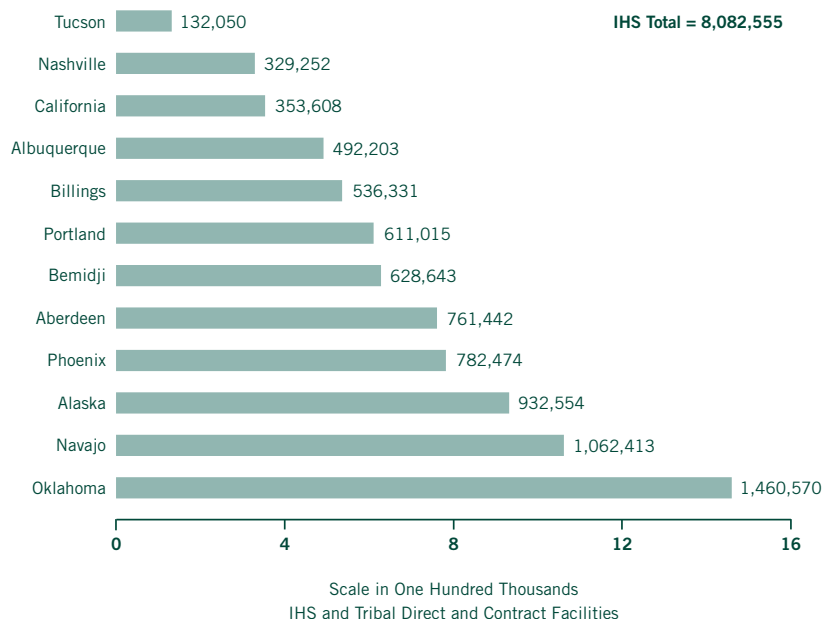




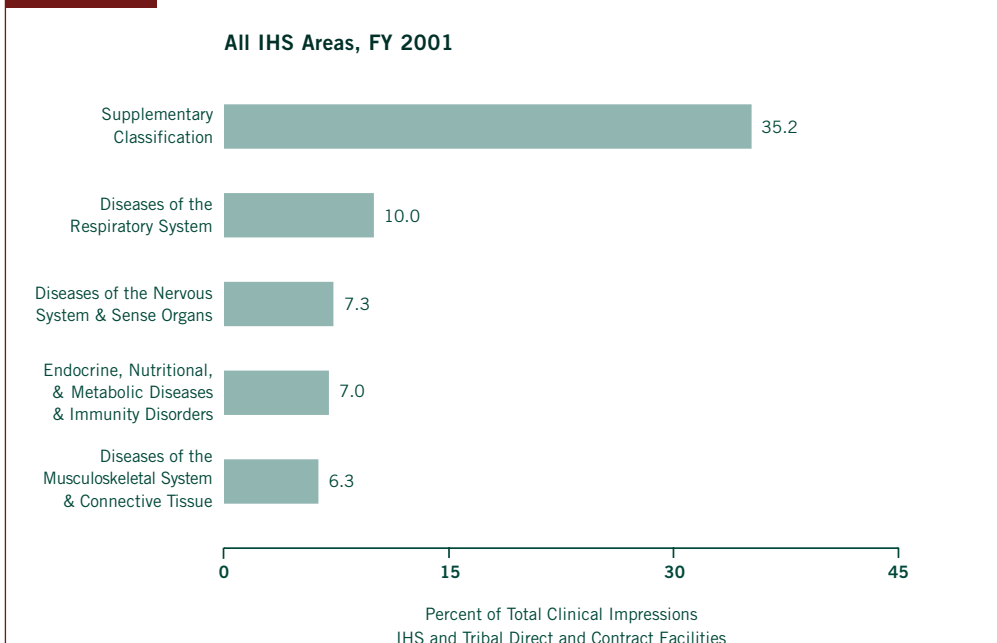
Table 5.17 **Number of Ambulatory Medical Visits**

Indian Health Service and Tribal Direct and Contract Facilities, FY 2001					
	Total	Indian Health Service		Tribal	
		Direct	Contract	Direct	Contract
<i>All IHS Areas</i>	8,082,555	4,302,548	120,621	3,516,738	142,648
Aberdeen	761,442	685,810	15,939	59,667	26
Alaska	932,554	0	0	929,424	3,130
Albuquerque	492,203	437,389	9,929	44,878	7
Bemidji	628,643	185,545	7,473	411,443	24,182
Billings	536,331	449,961	11,914	73,955	501
California	353,608	0	0	323,045	30,563
Nashville	329,252	69,216	2,053	227,997	29,986
Navajo	1,062,413	1,047,626	14,787	0	0
Oklahoma	1,460,570	570,268	13,074	876,448	780
Phoenix	782,474	545,025	24,662	207,880	4,907
Portland	611,015	217,002	18,692	330,790	44,531
Tucson	132,050	94,706	2,098	31,211	4,035

Sources: IHS Direct: APC Data System (Report 1A)
IHS Contract: Contract Statistical System (Report 3G)
Tribal Direct and Contract: IHS Area Submissions

In FY 2001, 35.2 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 10.0 percent.

Chart 5.18 **Leading Causes of Ambulatory Medical Visits**

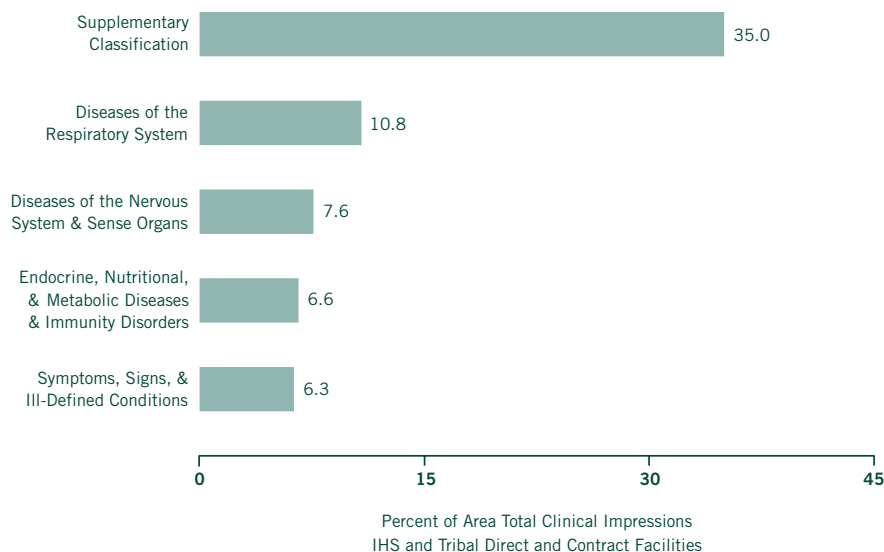


For the Aberdeen Area in FY 2001, 35.0 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 10.8 percent.

Chart 5.19

Leading Causes of Ambulatory Medical Visits

Aberdeen Area, FY 2001

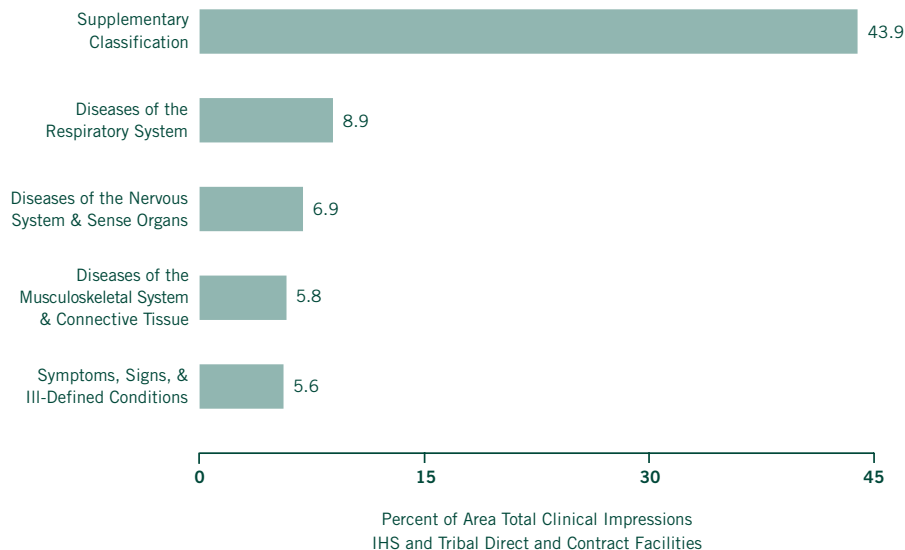


For the Alaska Area in FY 2001, 43.9 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 8.9 percent.

Chart 5.20

Leading Causes of Ambulatory Medical Visits

Alaska Area, FY 2001

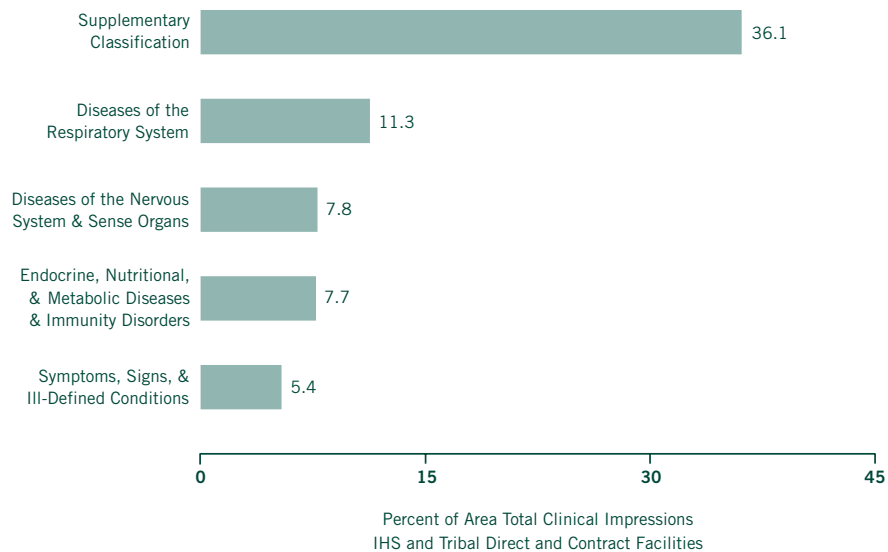


For the Albuquerque Area in FY 2001, 36.1 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 11.3 percent.

Chart 5.21

Leading Causes of Ambulatory Medical Visits

Albuquerque Area, FY 2001

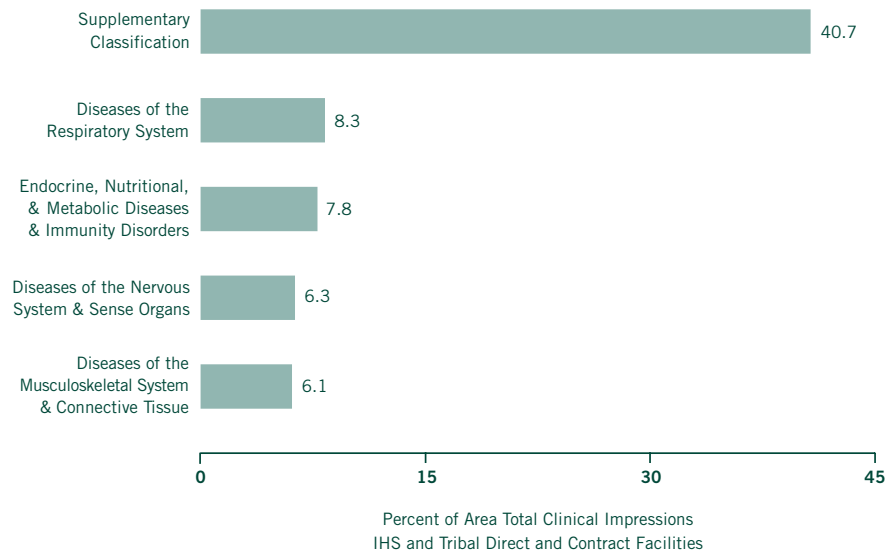


For the Bemidji Area in FY 2001, 40.7 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 8.3 percent.

Chart 5.22

Leading Causes of Ambulatory Medical Visits

Bemidji Area, FY 2001

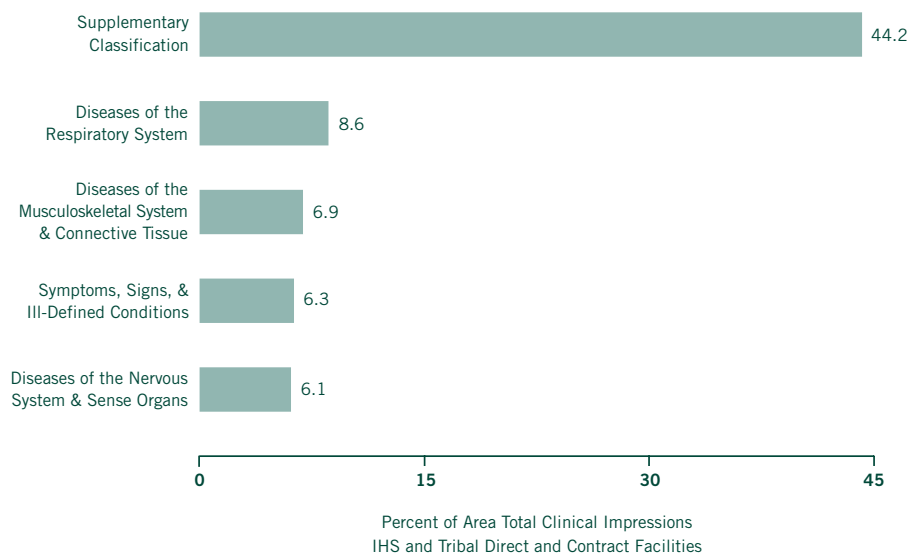


For the Billings Area in FY 2001, 44.2 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 8.6 percent.

Chart 5.23

Leading Causes of Ambulatory Medical Visits

Billings Area, FY 2001

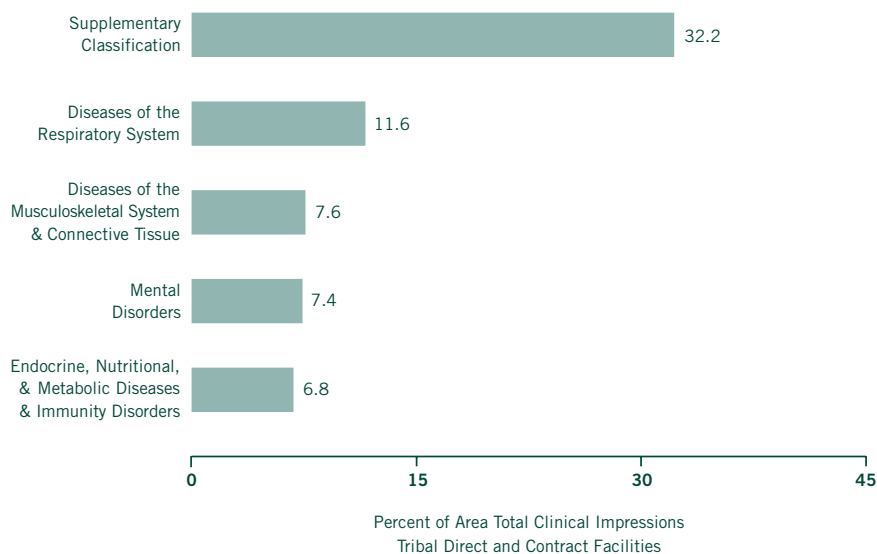


For the California Area in FY 2001, 32.2 percent of all clinical impressions in Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 11.6 percent.

Chart 5.24

Leading Causes of Ambulatory Medical Visits

California Area, FY 2001

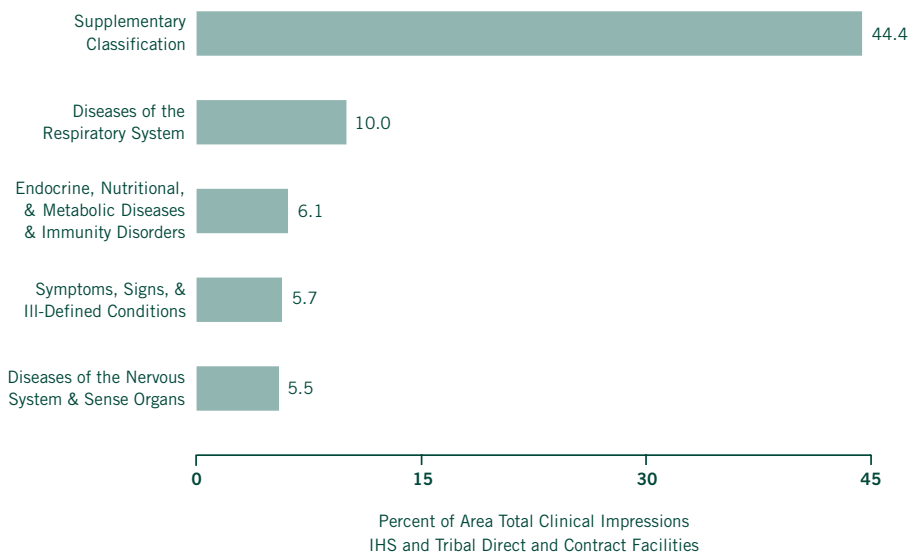


For the Nashville Area in FY 2001, 44.4 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 10.0 percent.

Chart 5.25

Leading Causes of Ambulatory Medical Visits

Nashville Area, FY 2001

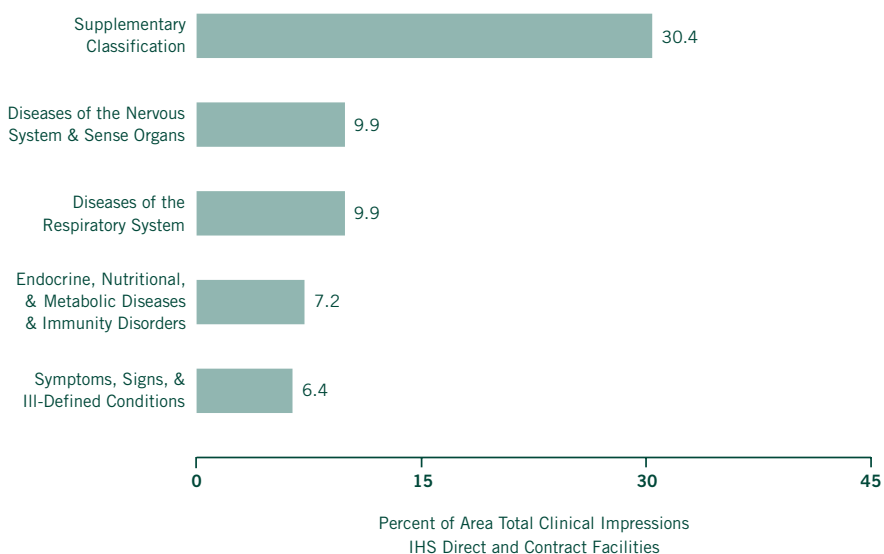


For the Navajo Area in FY 2001, 30.4 percent of all clinical impressions in IHS direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system and diseases of the nervous system and sense organs, both at 9.9 percent.

Chart 5.26

Leading Causes of Ambulatory Medical Visits

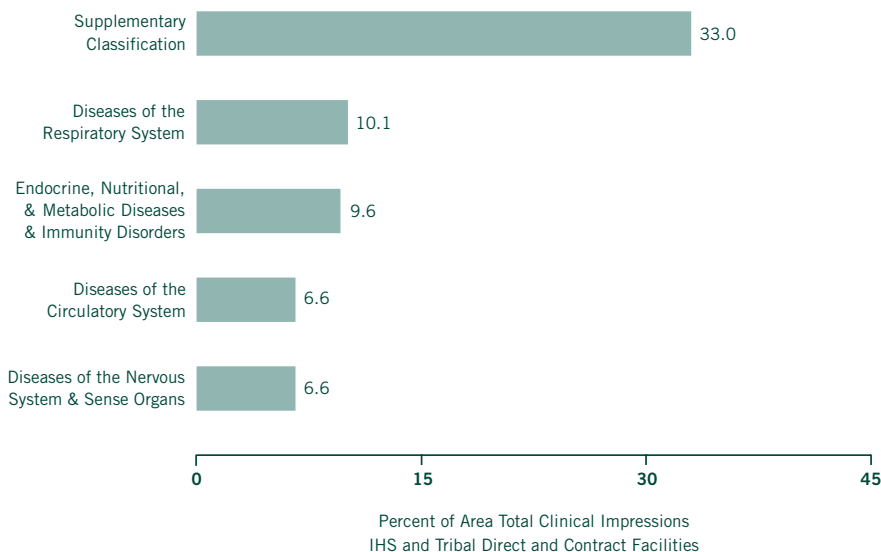
Navajo Area, FY 2001



For the Oklahoma Area in FY 2001, 33.0 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 10.1 percent.

Chart 5.27 **Leading Causes of Ambulatory Medical Visits**

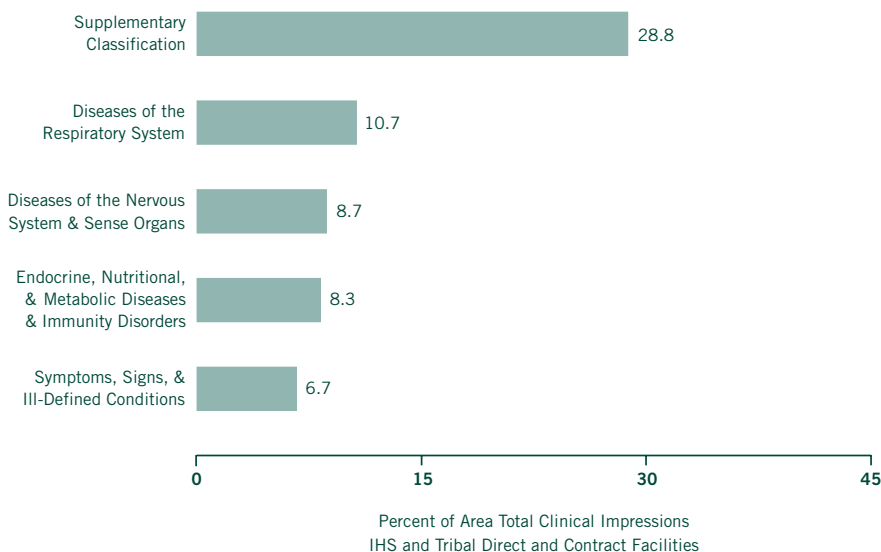
Oklahoma Area, FY 2001



For the Phoenix Area in FY 2001, 28.8 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 10.7 percent.

Chart 5.28 **Leading Causes of Ambulatory Medical Visits**

Phoenix Area, FY 2001

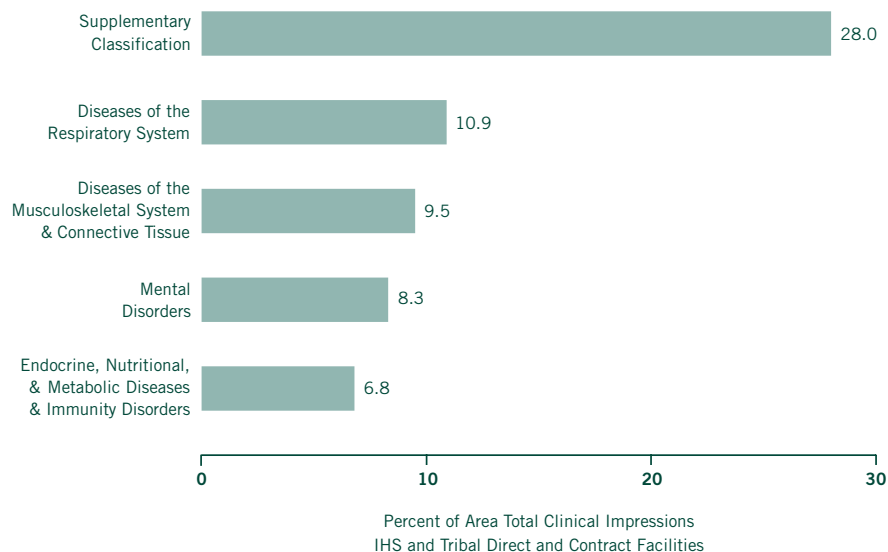


For the Portland Area in FY 2001, 28.0 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by diseases of the respiratory system at 10.9 percent.

Chart 5.29

Leading Causes of Ambulatory Medical Visits

Portland Area, FY 2001

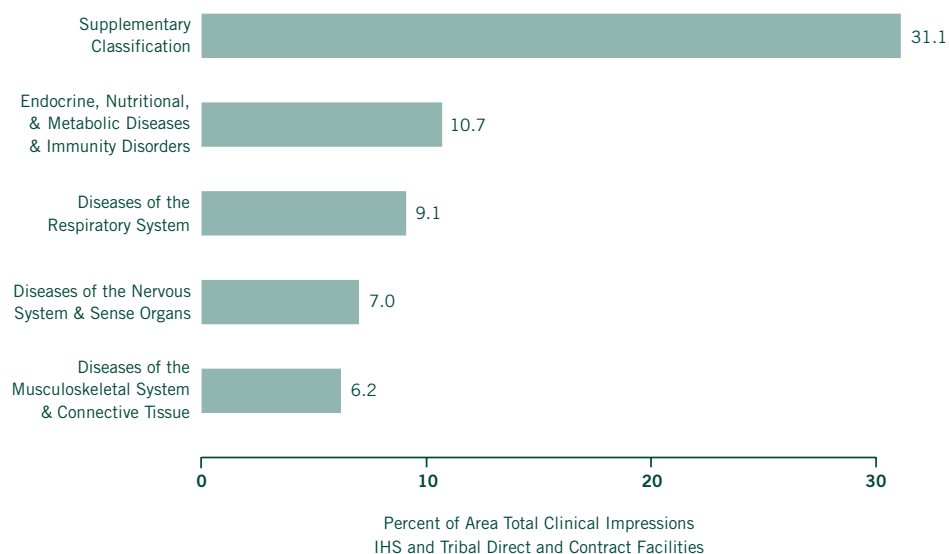


For the Tucson Area in FY 2001, 31.1 percent of all clinical impressions in IHS and Tribal direct and contract facilities pertained to supplementary classifications, followed by endocrine, nutritional, and metabolic diseases and immunity disorders at 10.7 percent.

Chart 5.30

Leading Causes of Ambulatory Medical Visits

Tucson Area, FY 2001



In FY 2001, there were 866 asthma admissions to IHS and Tribal direct and contract general hospitals.* Approximately 55 percent of these admissions were in two IHS Areas, Navajo (285) and Phoenix (193). *The AI/AN population compares favorably to the U.S. all-races population (14.2 asthma admissions per 10,000 versus 23.0, respectively).

Chart 5.31

Family Planning Visit Rates, FY 2001

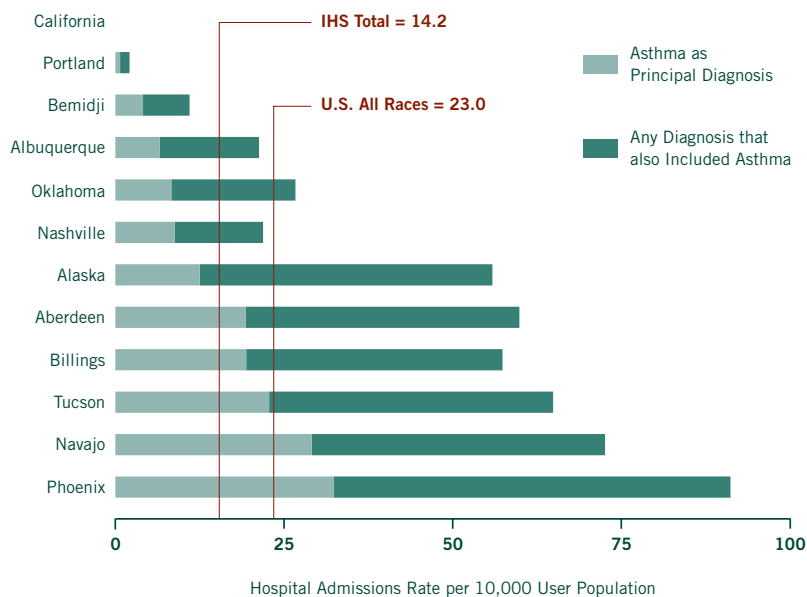


Table 5.31

Number and Rate of Hospitalizations Among Persons Under 18 Years With Asthma as a Diagnosis, FY 2001

	Asthma as Principal Diagnosis		Any Diagnosis that also Included Asthma		Number of Persons Under Age 18 ¹
	Admission Rate per 10,000	Number of Admissions	Admission Rate per 10,000	Number of Admissions	
<i>U.S. All Races (1997)</i>	23.0				
<i>All IHS Areas</i>	14.2	866	27.0	1,646	608,614
Aberdeen	19.3	93	40.6	195	48,089
Alaska	12.5	56	434.0	194	44,676
Albuquerque	6.6	21	14.7	47	31,895
Bemidji	4.1	16	6.9	27	38,979
Billings	19.4	49	38.0	96	25,269
California	—	—	—	—	46,192
Nashville	8.8	24	13.1	36	27,398
Navajo	29.1	285	43.5	426	97,985
Oklahoma	8.3	99	18.4	219	119,123
Phoenix	32.4	193	58.8	350	59,497
Portland	0.7	4	1.4	8	58,111
Tucson	22.8	26	42.1	48	11,400

¹ IHS Service Population under age 18 projected for 2001 from Census 1990

Sources: IHS Direct: Inpatient Data System

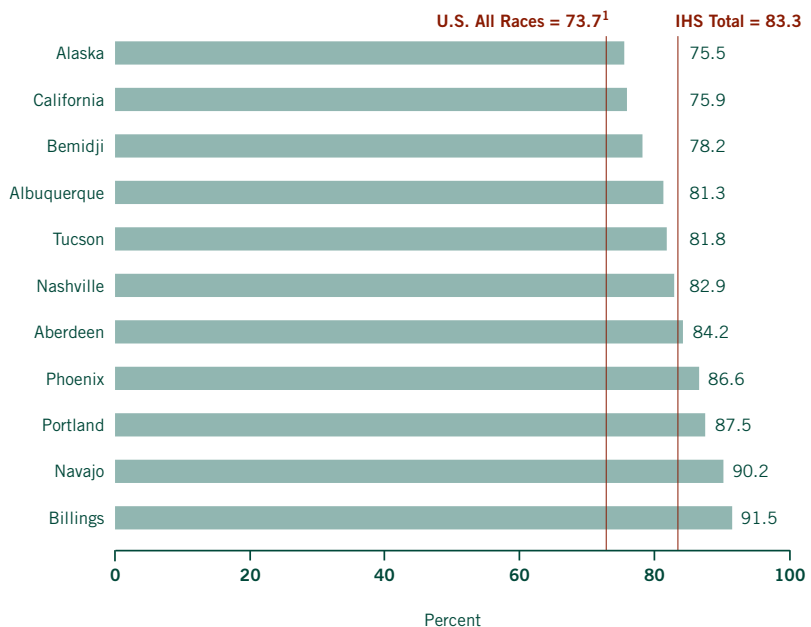
IHS Contract: Contract Statistical System, Healthcare Cost and Utilization Project (HCUP), AHRQ

U.S. Bureau of the Census, County-level Indian Data

In FY 2001, 83.3 percent of AI/AN children 3-27 months and residing in the IHS service area received all required immunizations. In the general population in FY 2001, 73.7 percent of children aged 19 to 35 months received all required immunizations. The Alaska Area had the lowest IHS rate at 75.5 percent, while the Billings Area had the highest rate, 91.5.

Chart 5.32

Immunization Rates, 3-27 Months, FY 2001



¹ Centers for Disease Control and Prevention. National, state, and urban area vaccination coverage levels among children 19-35 months – United States, 2001. MMWR 51 (30): 664-666. August 2, 2002. (<http://www.cdc.gov/mmwr/PDF/wk/mm5130/pdf>)

In FY 2001, over 2.7 million dental services were provided at IHS and Tribal direct and contract facilities, as reported to the IHS central database. Two IHS Areas provided 31 percent of these dental services, Navajo (376,867) and Oklahoma (419,679).

Chart 5.33

Number of Dental Services Provided, FY 2001

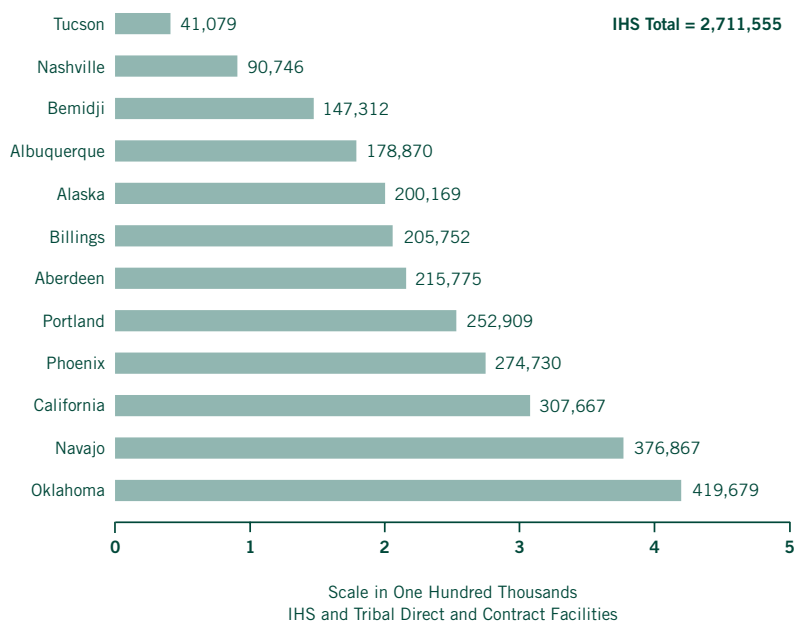


Table 5.33

Number of Dental Services Provided

Indian Health Service and Tribal Direct and Contract Facilities, FY 2001

	Total		IHS Direct		IHS Contract		Tribal Direct		Tribal Contract	
	Patients	Services	Patients	Services	Patients	Services	Patients	Services	Patients	Services
<i>All IHS Areas</i>	414,119	2,711,555	252,472	1,669,272	2,082	14,195	158,668	1,025,010	897	3,078
Aberdeen	36,199	215,775	31,673	191,372	1	10	4,525	24,393	0	0
Alaska	30,527	200,169	11	30	0	0	30,516	200,139	0	0
Albuquerque	28,737	178,870	25,575	161,252	45	151	3,117	17,467	0	0
Bemidji	26,744	147,312	26,731	147,249	13	63	0	0	0	0
Billings	25,793	205,752	20,630	157,973	13	52	5,150	47,727	0	0
California	42,285	307,667	1,439	16,041	114	605	40,690	291,021	42	0
Nashville	14,790	90,746	12,995	77,910	1,795	12,836	0	0	0	0
Navajo	57,228	376,867	57,218	376,816	10	51	0	0	0	0
Oklahoma	67,351	419,679	29,546	200,301	0	0	37,805	219,378	0	0
Phoenix	37,766	274,730	26,053	191,310	21	54	11,681	83,361	11	5
Portland	40,923	252,909	15,719	111,182	69	359	25,097	141,307	38	61
Tucson	5,776	41,079	4,882	37,836	1	14	87	217	806	3,012

The rate of new tuberculosis cases for the IHS in CY 2001 (13.2 per 100,000 population) is 2.4 times the rate as compared to the U.S. all-races (5.6). The Alaska Area rate (30.9) was 4.5 times the U.S. rate.

Chart 5.34

New Tuberculosis Cases, CY 2001

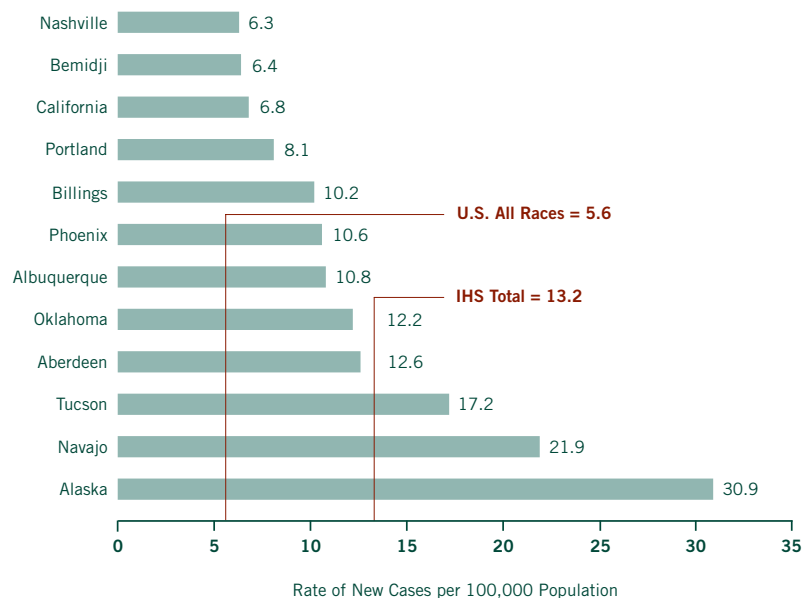


Table 5.34

Number and Rate of New Tuberculosis Cases, CY 2001

	Case Rate ¹	Number of Cases ¹
<i>U.S. All Races</i>	5.6	15,989
<i>All IHS Areas</i>	13.2	204
Aberdeen	12.6	13
Alaska	30.9	34
Albuquerque	10.8	9
Bemidji	6.4	6
Billings	10.2	6
California	6.8	9
Nashville	6.3	5
Navajo	21.9	49
Oklahoma	12.2	39
Phoenix	10.6	16
Portland	8.1	13
Tucson	17.2	5

¹ Number of new cases per 100,000 service population.

Rates are based on a small number of new cases and should be interpreted with caution.

Source: Centers for Disease Control and Prevention (data by State and County)

Glossary of ICD-9 Codes


List of 72 Selected Causes of Death (1979-Present)

Cause of Death	ICD-9 Codes
Shigellosis and amebiasis	.004,006
Certain other intestinal infections	.007-009
Tuberculosis	.010-018
Tuberculosis of respiratory system	.010-012
Other tuberculosis	.013-018
Whooping cough	.033
Streptococcal sore throat, scarlatina, and erysipelas	.034-035
Meningococcal infection	.036
Septicemia	.038
Acute poliomyelitis	.045
Measles	.055
Viral hepatitis	.070
Syphilis	.090-097
All other infectious and parasitic diseases	.001-003,005,020-032,037,039-041,*042-*044,046-054,056-066,071-088,098-139
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	.140-208
Malignant neoplasms of lip, oral cavity, and pharynx	.140-149
Malignant neoplasms of digestive organs and peritoneum	.150-159
Malignant neoplasms of respiratory and intrathoracic organs	.160-165
Malignant neoplasm of breast	.174-175
Malignant neoplasms of genital organs	.179-187
Malignant neoplasms of urinary organs	.188-189
Malignant neoplasms of all other and unspecified sites	.170-173,190-199
Leukemia	.204-208
Other malignant neoplasms of lymphatic and hematopoietic tissues	.200-203
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	.210-239
Diabetes mellitus	.250
Nutritional deficiencies	.260-269
Anemias	.280-285
Meningitis	.320-322
Major cardiovascular diseases	.390-448
Diseases of heart	.390-398,402,404-429
Rheumatic fever and rheumatic heart disease	.390-398
Hypertensive heart disease	.402
Hypertensive heart and renal disease	.404
Ischemic heart disease	.410-414

Cause of Death

ICD-9 Codes

Acute myocardial infarction	410
Other acute and subacute forms of ischemic heart disease	411
Angina pectoris	413
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414
Other diseases of endocardium	424
All other forms of heart disease	415-423,425-429
Hypertension with or without renal disease	401,403
Cerebrovascular diseases	430-438
Intracerebral and other intracranial hemorrhage	431-432
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9
Cerebral embolism	434.1
All other and late effects of cerebrovascular diseases	430,433,435-438
Atherosclerosis	440
Other diseases of arteries, arterioles, and capillaries	441-448
Acute bronchitis and bronchiolitis	466
Pneumonia and influenza	480-487
Pneumonia	480-486
Influenza	487
Chronic obstructive pulmonary diseases and allied conditions	490-496
Bronchitis, chronic and unspecified	490-491
Emphysema	492
Asthma	493
Other chronic obstructive pulmonary diseases and allied conditions	494-496
Ulcer of stomach and duodenum	531-533
Appendicitis	540-543
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560
Chronic liver disease and cirrhosis	571
Cholelithiasis and other disorders of gallbladder	574-575
Nephritis, nephrotic syndrome, and nephrosis	580-589
Acute glomerulonephritis and nephrotic syndrome	580-581
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589
Infections of kidney	590
Hyperplasia of prostate	600
Complications of pregnancy, childbirth, and the puerperium	630-676
Pregnancy with abortive outcome	630-638
Other complications of pregnancy, childbirth, and the puerperium	640-676
Congenital anomalies	740-759
Certain conditions originating in the perinatal period	760-779
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769
Other conditions originating in the perinatal period	760-766,770-779
Symptoms, signs, and ill-defined conditions	780-799



Cause of Death	ICD-9 Codes
All other diseases	.Residual
Accidents and adverse effects	.E800-E949
Motor vehicle accidents	.E810-E825
All other accidents and adverse effects	.E800-E807,E826-E949
Suicide	.E950-E959
Homicide and legal intervention	.E960-E978
All other external causes	.E980-E999

List of 61 Selected Causes of Infant Death (1979-Present)

Cause of Death	ICD-9 Codes
Certain intestinal infections	.008-009
Whooping cough	.033
Meningococcal infection	.036
Septicemia	.038
Viral diseases	.045-079
Congenital syphilis	.090
Remainder of infectious and parasitic diseases	.001,007,010-032,034-035,037,039-041,*042-*044,080-088,091-139
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	.140-208
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	.210-239
Diseases of thymus gland	.254
Cystic fibrosis	.277.0
Diseases of blood and blood-forming organs	.280-289
Meningitis	.320-322
Other diseases of nervous system and sense organs	.323-389
Acute upper respiratory infections	.460-465
Bronchitis and bronchiolitis	.466,490-491
Pneumonia and influenza	.480-487
Pneumonia	.480-486
Influenza	.487
Remainder of diseases of respiratory system	.470-478,492-519
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	.550-553,560
Gastritis, duodenitis, and noninfective enteritis and colitis	.535,555-558
Remainder of diseases of digestive system	.520-534,536-543,562-579
Congenital anomalies	.740-759
Anencephalus and similar anomalies	.740
Spina bifida	.741
Congenital hydrocephalus	.742.3
Other congenital anomalies of central nervous system and eye	.742.0-742.2,742.4-742.9,743

Cause of Death

ICD-9 Codes

Congenital anomalies of heart	745-746
Other congenital anomalies of circulatory system	747
Congenital anomalies of respiratory system	748
Congenital anomalies of digestive system	749-751
Congenital anomalies of genitourinary system	752-753
Congenital anomalies of musculoskeletal system	754-756
Down's syndrome	758.0
Other chromosomal anomalies	758.1-758.9
All other and unspecified congenital anomalies	744,757,759
Certain conditions originating in the perinatal period	760-779
Newborn affected by maternal conditions which may be unrelated to present pregnancy	760
Newborn affected by maternal complications of pregnancy	761
Newborn affected by complications of placenta, cord, and membranes	762
Newborn affected by other complications of labor and delivery	763
Slow fetal growth and fetal malnutrition	764
Disorders relating to short gestation and unspecified low birthweight	765
Disorders relating to long gestation and high birthweight	766
Birth trauma	767
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Fetal distress in liveborn infant	768.2-768.4
Birth asphyxia	768.5-768.9
Respiratory distress syndrome	769
Other respiratory conditions of newborn	770
Infections specific to the perinatal period	771
Neonatal hemorrhage	772
Hemolytic disease of newborn, due to isoimmunization, and other perinatal jaundice	773-774
Syndrome of infant of a diabetic mother and neonatal diabetes mellitus	775.0-775.1
Hemorrhagic disease of newborn	776.0
All other and ill-defined conditions originating in the perinatal period	775.2-775.9,776.1-779
Symptoms, signs, and ill-defined conditions	780-799
Sudden infant death syndrome	798.0
Symptoms, signs, and all other ill-defined conditions	780-797,798.1-799
Accidents and adverse effects	E800-E949
Inhalation and ingestion of food or other object causing obstruction of respiratory tract or suffocation	E911-E912
Accidental mechanical suffocation	E913
Other accidental causes and adverse effects	E800-E910,E914-E949
Homicide	E960-E969
Child battering and other maltreatment	E967
Other homicide	E960-E966,E968-E969
All other causes	Residual

Additional Causes of Death and their Corresponding ICD-9 Codes Which May be Found in this Publication

(These categories are not included as part of the 72 cause of death or 61 cause of infant death lists.
They are independent of these two lists but are valid cause of death codes to use for the causes indicated)

Cause of Death	ICD-9 Codes
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Breast cancer (females)174
Cervical cancer180
Colon-rectal cancer153.0-154.3,154.8,159.0
Drug-related deaths . . . . .	.292,304,305.2-305.9,E850-E858,E950.0-E950.5,E962.0,E980.0-E980.5
Gastroenteric deaths . . . . .	.004,006-009,535,555-556,558,562
Human immunodeficiency virus (HIV) infection . . . . .	.042-044
Firearm deaths	E922,E955.0-E955.4,E965.0-E965.4,E970,E985.0-E985.4
Injury and poisoning	E800-E807,E810-E825,E826-E949,E950-E959,E960-E978,E980-E989,E990-E999
Other injuries	E980-E989,E990-E999
Lung cancer . . . . .	.162.2-162.9
Maternal deaths . . . . .	.630-676
Prostate cancer . . . . .	.185

List of ICD-9-CM Codes Used in Patient Care Charts and Tables

Condition Codes	ICD-9-CM
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Endocrine, nutritional, and metabolic diseases and immunity disorders240-279
Diseases of the blood and blood-forming organs . . . . .	.280-289
Mental disorders . . . . .	.290-319
Diseases of the nervous system and sense organs . . . . .	.320-389
Diseases of the circulatory system . . . . .	.390-459
Diseases of the respiratory system . . . . .	.460-519
Diseases of the digestive system . . . . .	.520-579
Diseases of the genitourinary system . . . . .	.580-629
Complications of pregnancy, childbirth, and the puerperium . . . . .	.630-677
Diseases of the skin and subcutaneous tissue . . . . .	.680-709
Diseases of the musculoskeletal system and connective tissue . . . . .	.710-739
Congenital anomalies . . . . .	.740-759
Certain conditions originating in the perinatal period . . . . .	.760-779
Symptoms, signs, and ill-defined conditions . . . . .	.780-799
Injury and poisoning . . . . .	.800-999
Supplementary classification (classification of factors influencing health status and contact with health service)	V01-V82

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